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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dieter SCHULZ  
Serial No.: Currently unknown  
Filed: Currently unknown  
Title: MULTI-FREQUENCY TONE  
DETECTOR

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to prosecution on the merits of the present patent application, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please replace claims 4 and 7 with the following:

4. The multi-frequency tone detector of claim 1, characterized in that said analysis filter is a digital filter.

7. The multi-frequency tone detector of claim 5, characterized in that said analysis filter is a digital filter.

Please add the following claims:

9. The multi-frequency tone detector of claim 2, characterized in that said analysis filter is a digital filter.

10. The multi-frequency tone detector of claim 3, characterized in that said analysis filter is a digital filter.

11. The multi-frequency tone detector of claim 6, characterized in that said analysis filter is a digital filter.

REMARKS

Claims 1-11 are pending in this application. By this amendment, Applicants amends claims 4 and 7 and add new claims 9-11.

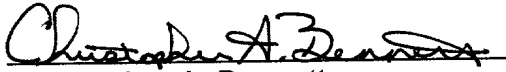
Claims 4 and 7 have been amended to remove the multiple dependency of these claims. Claims 9-11 have been added to include the features of 4 and 7, but dependent upon different claims. Claims 9-11 do not contain any new matter. Accordingly, Applicants respectfully request entry and examination of new claims 9-11.

Applicants respectfully submit that Claims 1-11 are in condition for allowance. Prompt examination and a timely Notice of Allowability is respectfully requested.

The Commissioner is authorized to charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 50-1353.

Respectfully submitted,

Date: March 15, 2001

  
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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

4. The multi-frequency tone detector ~~[any one of claims 1, 2 or 3,]~~ **of claim 1,**  
characterized in that said analysis filter is a digital filter.

7. The multi-frequency tone detector ~~[any one of claims 5 or 6]~~ **of claim 5,**  
characterized in that said analysis filter is a digital filter.